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Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/784,606 TRANSMITTAL **Application Number FORM** February 23, 2004 Filing Date (to be used for all correspondence after initial filing) **First Named Inventor** Frank DiMeo, Jr. **Group Art Unit** 2856 **TBA Examiner Name** Total Number of Pages in This Submission ATMI-546-CIP-I **Attorney Docket Number** ENCLOSURES (check all that apply) After Allowance Communication Assignment Papers Fee Transmittal Form (for an Application) to Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Amendment / Reply Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition After Final **Proprietary Information** Petition to Convert to a Status Letter Affidavits/declaration(s) **Provisional Application** Other Enclosure(s) (please Power of Attorney, Revocation Extension of Time Request identify below): Change of Correspondence Address **Express Abandonment Request Terminal Disclaimer** Information Disclosure Statement Request for Refund Certified Copy of Priority CD, Number of CD(s) Document(s) Response to Missing Parts/ Remarks Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Margaret Chappuis, Reg. No. 45,735

August 31, 2004

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ATMI-546-CIP-I Customer ID No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frank DiMeo, Jr.

Group Art Unit: 2856

U.S. Application No.: 10/784,606

Examiner: TBA

Filed: February 23, 2004

Title: NICKEL-COATED FREE-STANDING SILICON CARBIDE STRUCTURE FOR

SENSING FLUORO OR HALOGEN SPECIES IN SEMICONDUCTOR PROCESSING

SYSTEMS, AND PROCESSES OF MAKING AND USING SAME

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

■ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b). Please note that Reference AH "Inorganic Solid Fluorides, Chemistry and Physics" is a book and

□ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1). ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2). □ c. Attached is our check no. ___ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. □ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. ____ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1). □ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2). □ 4. (other):

is not enclosed. Should a copy of this reference be required, Applicants will provide a

copy.

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

Margaret Chappuis

Registration No. 45,735

Agent for Applicant

Date: august 31, 2004 Advanced Technology Materials, Inc.

7 Commerce Drive Danbury, CT 06810

Agent Ref: ATMI-546-CIP-I

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	
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